

REMARKS/ARGUMENTS

By this paper, Applicant responds to the Office Action of September 7, 2004 and respectfully requests reconsideration of the application. A Petition for Extension of Time extends the period for response through March 7, 2005.

Claims 1-72 are now pending, a total of 72 claims. Claims 1, 2, 9, 32, 39, 59 and 61 are independent.

I. Paragraph 6 of the Office Action

Paragraph 6 of the Office Action purports to raise an objection based on lack of a reference numeral. Applicant believes that the drawings are in full compliance with the applicable rules (*e.g.*, 37 C.F.R. § 1.83(a), “The drawing ... must show every feature of the invention as specified in the claims...”; the Office Action itself concedes that the feature in question is “shown” in the drawing). Paragraph 6 of the Office Action cites no rule under which the purported objection might arise, and therefore it is impossible to determine whether any amendment is required to meet that rule, or what manner of amendment might meet the objection. If any objection is maintained, Applicant requests identification of the rule relied upon, and a showing of all relevant predicate facts that would make the rule applicable.

Further, reference number 942 is already in use, for the “MODE” at the top left of Fig. 9C. There is nothing to suggest that any reference numeral has been omitted.

II. Paragraphs 7-11 of the Office Action

Each independent claim has been amended to recite “a RISC instruction ... having an explicit segment designator field ... corresponding to a segment designator field of the CISC instruction set.” This language is supported, among other locations, at Fig. 9c (both the external and internal instruction forms have a “SEG” field); page 172, line 19-23; page 38, lines 5-6; page 143, line 16 to page 144, line 6; and page 172, line 24 to page 174, line 27.

In contrast, Blomgren’s RISC instruction set is the same as the IBM/Motorola PowerPC RISC. Blomgren ’693, col. 1, lines 27-29, 41-42. Because the PowerPC instruction set already

has assigned uses for all instruction bits, and has no “segments ... corresponding to the CISC instruction set,” it would be impossible to wedge an “explicit segment designator field” into Blomgren’s RISC instruction set.

The claims are patentable.

III. Dependent claims

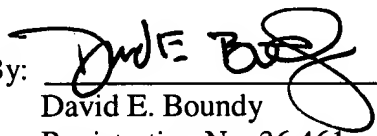
The dependent claims are patentable with the independent claims discussed above. In addition, the dependent claims recite additional features that further distinguish the art.

In view of the amendments and remarks, Applicant respectfully submits that the claims are in condition for allowance. Applicant requests that the application be passed to issue in due course. The Examiner is urged to telephone Applicant’s undersigned counsel at the number noted below if it will advance the prosecution of this application, or with any suggestion to resolve any condition that would impede allowance. Enclosed is Petition for Extension of Time for three months. In the event that any further extension of time is required, Applicant petitions for that extension of time required to make this response timely. Kindly charge any additional fee, or credit any surplus, to Deposit Account No. 23-2405, Order No. 114596-26-0051BS.

Respectfully submitted,

WILLKIE FARR & GALLAGHER LLP

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By: 
David E. Boundy
Registration No. 36,461

WILLKIE FARR & GALLAGHER LLP
787 Seventh Ave.
New York, New York 10019
(212) 728-8000
(212) 728-8111 Fax